

**T
A
L
E
N
T**

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2

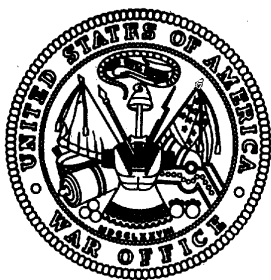
COPY NO.: 38

TOP SECRET

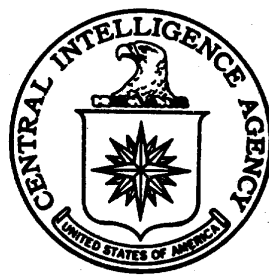
[REDACTED]

JOINT PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

**RAIL TRAFFIC ON THE
SOVETSKAYA GAVAN/DEZHNEVKA RAILROAD**



ARMY



CIA

Declass Review by NIMA /
DoD

HTA/JM-18/58

31 JULY 1958

WARNING: HANDLE VIA TALENT CONTROL CHANNELS ONLY

COORDINATED, PUBLISHED, AND DISSEMINATED BY CIA/HTA

This document contains information usable only within the TALENT CONTROL SYSTEM. It is to be seen on a MUST-KNOW BASIS ONLY BY PERSONNEL ESPECIALLY INDOCTRINATED AND AUTHORIZED. Reproduction is prohibited unless approved by the originator.

DOCUMENT NO. 18
NO CHANGE IN CLASS ☐
☐ DECLASSIFIED
NEXT REV. DATE 01/01/82
AUTH: HR 10-2
DATE 1 Jan 82 REVIEWER: 0514

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2

TOP SECRET

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2

WARNING

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2

TOP SECRET CHESS

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2

RAIL TRAFFIC ON THE
SOVETSKAYA GAVAN/DEZHNEVKA RAILROAD

HTA/JM-18/58

31 July 1958

- 1 -

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2

TOP SECRET CHESS



HTA/JM-18/58

RAIL TRAFFIC ON THE
SOVETSKAYA GAVAN/DEZHNEVKA RAILROAD

25X1D
25X1D
This memorandum provides an analysis of rail traffic on the 473 kilometer portion covered by photography of the 804-kilometer rail line which originates at Sovetskaya Gavan on the coast, runs through Komsomolsk, and joins the Trans-Siberian Railroad at Dezhnevka. It is based on [REDACTED] photography taken approximately between [REDACTED] local standard time.

A total of 13 trains, with 15 locomotives, and 986 rail cars were observed. This single-track rail line uses steam locomotion and the resulting steam and soot make it difficult to identify cars in trains and in cuts of cars in crowded yards. There were no tunnels noted on the portions of this line which were analyzed, and the only major river, the Amur at Komsomolsk, is crossed over ice in the winter and by ferry in the summer. Photography shows one train actually crossing the river over ice, and ferry slips are evident on the river banks.

The accompanying tables, 1 through 3, itemize and describe the trains and cuts of cars and use the passenger station in Sovetskaya Gavan as a zero kilometer location reference point. The 331 kilometers which lack photo coverage are as follows:

18 to 33 kilometers
202 to 414 kilometers
600 to 660 kilometers
760 to 804 kilometers

NOTE: Station and kilometer locations are taken from Route 530 in CIA/CR#5, USSR Railroad Stations, June 1956.

TABLE 1. DESCRIPTION OF TRAINS

Km Location	Speed Km/Hr	Length (feet)	No. of Cars	Type of Cars*			
				Closed		Open	
				2-Axle	4-Axle	2-Axle	4-Axle
Eastbound Trains							
35	53	940	22	6	6	2	8
67	47	920	25	3	10	7	5
138	standing	470	12	-	-	-	12
454	8	1810	50	5***	45***	-	-
454 /	standing	1960	54	7	15	10	22
567 /	standing	2120	52	-	-	10	42
674	standing	530	8	-	8**	-	-
731	55	860	12	-	12**	-	-
Total			235	21	96	29	89
Westbound Trains							
443	standing	1000	27	5	6	7	9
446	13	780	11	-	11**	-	-
514	53	1250	40	-	-	32	8
580	47	1020	32	10*****	15****	7	-
675	--	530	8	-	8**	-	-
Total			118	15	40	46	17
Total In Trains			353	36	136	75	106

* Detailed typing of cars, i.e. gondola, hopper, etc., was generally impossible due to the high contrast in the photography. "Open" cars may include hoppers and gondolas. "Closed" may include all others. All open cars appeared to be loaded.

** Passenger cars

*** Tank cars

**** Includes four tank cars

/ Train has two locomotives. All others have only one.

HTA/JM-18/58

TABLE 2. DESCRIPTION OF CUTS OF CARS AND LOCOMOTIVES IN YARDS

Yard and Km Location	Length (feet)	Number of Cars	Type of Cars*				
			Closed		Open		
			2-Axle	4-Axle	2-Axle	4-Axle	empty**
Sovetskaya Gavan, Km. 0 (classification yard and shop areas)	520	12	-	8	-	4	-
	2050	48	-	31	-	17	-
	1040	32	5	6	8	13	-
Vanino, Km 8 (holding yard)	390	10	-	10****	-	-	-
Tumnin, Km 102 (small yard and shop area)	600	14	-	-	-	14	10
	940	21	-	-	-	21	19
Pivan, Km 443	600	20	2	-	15	3	-
	325	9	-	-	1	8	-
	850 4	23	3	3	8	9	-
Pivan Pristan, Km 446 (ferry terminal on east bank of Amur River)	380	8	-	-	-	8	1
	470	10	-	-	-	10	-
	515	11	-	-	-	11	3
Komsomolsk Pristan, Km 446 (ferry terminal on west bank of Amur River)	190	4	-	3	-	1	-
	340	7	-	2	-	5	-
	660	14	-	1	1	12	-
	430	9	-	-	-	9	5
Siding, Km 447	900	27	-	-	-	27	-
Komsomolsk, Km 454 (yard and shop area)	470	15	-	2	7	6	3
	610 4	19	4	10****	2	3	1
	525	15	2****	13****	-	-	-
	660	18	-	5	5	8	-
	890	27	4	-	4	19	5
	720 4	17	-	2	-	15	-
	880	12	-	12***	-	-	-

HTA/JM-18/58

TABLE 2. DESCRIPTION OF CUTS OF CARS AND LOCOMOTIVES IN YARDS
(CONT'D)

Yard and Km Location	Length (feet)	Number of Cars	Type of Cars*				
			Closed		Open		
			2-Axle	4-Axle	2-Axle	4-Axle	empty**
Komsomolsk, Km 454 (car repair area)	400	9	-	-	7	2	2
	450	13	-	2	8	3	-
	440	12	-	-	4	8	-
	460	16	5	-	5	6	1
	1960	54	7	15	10	22	-
	550	14	-	-	2	12	-
	295	7	-	7	-	-	-
Bolon, Km 567	610	13	-	2	-	11	7
Litovke, Km 687	1500	52	-	-	13	39	21
Forel, Km 711	1550	41	5	-	4	32	-
Total		633	37	141	97	358	78

* Detailed typing of cars, i.e. gondola, hopper, etc., was generally impossible due to the high contrast in the photography. "Open" cars may include hoppers gondolas. "Closed" may include all others.

** Of the "open" cars identified, this column indicates the number which were were "empty", without reference to the number of axles. The remainder of the "open" cars are considered to be loaded.

*** Passenger cars.

**** Tank cars.

+ Includes several cuts of cars.

HTA/JM-18/58

TABLE 3. SUMMARY OF CARS

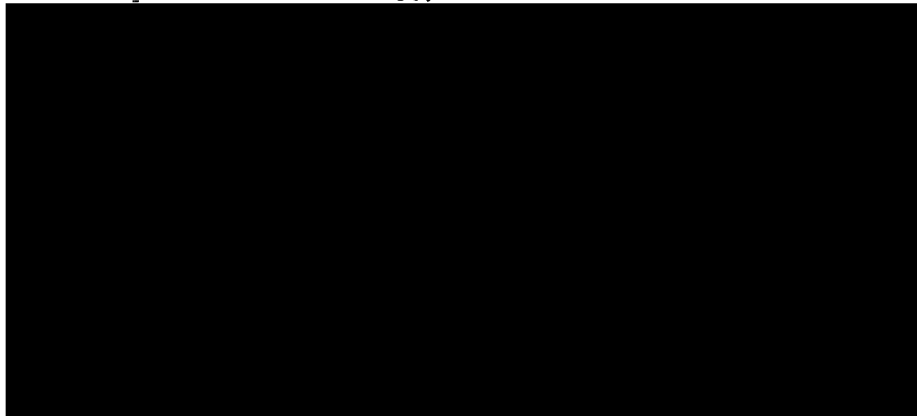
Type	Number of Axles	In Trains		In Yards	Total
		Eastbound	Westbound		
Passenger	4	20	19	12	51
Open	2	29	46	97	172
Open	4	89	17	358	464
Closed	2	16	11	35	62
Closed	4	31	6	96	133
Tank	2	5	4	2	11
Tank	4	45	15	33	93
Total		235	118	643	986

TOP SECRET CHESSE

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2

HTA/JM-18/58

REQUIREMENT: This Joint Photographic Intelligence Memorandum presents an analysis of rail traffic on 473 out of 804 kilometers of the single track rail line between Sovetskaya Gavan and Dezhnevka. It has been prepared at HTAUTOMAT by CIA and Army, under Army Chairmanship, and is intended to satisfy in part CIA Requirements as specified in RR/HTA/E/R45/58 and Army Requirements as specified in SRI 35-1-58.



25X1D

COORDINATES:

Sovetskaya Gavan, 48° 58' N/140° 18' E

Komsomolsk, 50° 35' N/137° 02' E

Dezhnevka, 48° 32' N/134° 34' E

~~TOP SECRET~~

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2

T
A
L
E
N
T

~~TOP SECRET~~

Approved For Release 2001/09/01 : CIA-RDP78T04753A000200010027-2